



STIC Search Report

EIC 2800

STIC Database Tracking Number: 143432

TO: Temesgh Ghebretinsae
Location:
Art Unit : 2637
Wednesday, January 26, 2005

Case Serial Number: 10/729372

From: Irina Speckhard
Location: EIC 2800
CP4-9C18
Phone: 308-6559

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Search Notes

Examiner Ghebretinsae,

Please find attached first-pass prior-art search results from the patent and non-patent abstract and full-text databases. The results were based on claims and statements of technical problems and solutions. Tagged records might be worth your review as well as the rest of the references provided.

If you need further searching or have questions or comments, please let me know.

Thank you,

Irina Speckhard

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*File 371: This file is not currently updating. The last update is 200209.

Set	Items	Description
S1	11234	AU=(MATSUI, M? OR MATSUI M?)
S2	52460	AU=(ITO, M? OR ITO M?)
S3	620	AU=(HORIBE, A? OR HORIBE A?)
S4	55062	AU=(SATO, S? OR SATO S?)
S5	119144	S1:S4
S6	10	S5 AND ANTENNA? ?(2N)SWITCH?
S7	10	RD (unique items)
S8	119134	S5 NOT S6
S9	6	S8 AND DIVERS?(2N)RECEIV?
S10	6	RD (unique items)
S11	119128	S8 NOT S9
S12	292	S11 AND (CORRELAT? OR MEAN) (2N)VALUE?
S13	0	S12 AND (SNR OR SIGNAL(1W)NOISE? ?(1W)RATIO???)
S14	0	S12 AND MATCH?(2N)FILTER?
S15	0	S12 AND SPECTRUM?(2N) (SIGNAL? OR PULS? OR IMPULS?)
S16	7525	DIVERS?(2N)RECEIV?
S17	6530	ANTENNA? ?(2N)SWITCH?
S18	150997	(CORRELAT? OR MEAN) (2N)VALUE?
S19	7994	(MAX OR MAXIMUM) (2N)CORRELAT?
S20	158109	S18:S19
S21	1146957	(MONITOR? OR MEASUR? OR TEST? OR CHECK? OR EXAMIN? OR ANAL- YS? OR ANALYZ? OR VERIF? OR IDENTIF? OR DETECT? OR SENSE? OR - SENSING? OR INSPECT? OR ESTIMAT? OR QUANTIF? OR QUANTITAT? OR CALCULAT? OR COMPUTAT?) (3N) (UNIT? ? OR DEVICE? ? OR A...
S22	162119	SNR OR SIGNAL(1W)NOISE? ?(1W)RATIO???
S23	25069	MATCH?(2N)FILTER?
S24	31434	SPECTRUM?(2N) (SIGNAL? OR PULS? OR IMPULS?)
S25	56	S16 AND S18
S26	56	S25 AND S20
S27	8	S26 AND S17
S28	8	RD (unique items)
S29	48	S26 NOT S27
S30	1	S29 AND S21
S31	47	S29 NOT S30
S32	6	S31 AND S22
S33	4	RD (unique items)
S34	41	S31 NOT S32
S35	1	S34 AND S23
S36	40	S34 NOT S35
S37	1	S36 AND S24
S38	39	S36 NOT S37
S39	36	RD (unique items)
S40	744	S24 AND S23
S41	122	S40 AND S22
S42	5	S41 AND S20
S43	5	RD (unique items)
S44	117	S41 NOT S42
S45	0	S44 AND S19
S46	0	S44 AND S17
S47	0	S44 AND S16
S48	52	S44 AND RECEIV?
S49	1	S48 AND SPREAD?(2N)MODULAT?
S50	51	S48 NOT S49
S51	0	S50 AND MEAN (2N)COMPUTAT?
S52	1720	MEAN (2N)COMPUT? AND S20

01/26/2005

10/729,372

S53	5	S52 AND S24
S54	3	RD (unique items)
S55	1715	S52 NOT S53
S56	6	S55 AND S23
S57	2	RD (unique items)
S58	1709	S55 NOT S56
S59	13	S58 AND S22
S60	13	RD (unique items)
S61	13	S60 NOT S56, S53, S43, S38, S37, S32, S30, S27

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L9	L8 and l4	4
<input type="checkbox"/>	L8	375/267.ccls. or 375/347.ccls. or 455/132.ccls. or 455/133.ccls. or 455/134.ccls.	2128
<input type="checkbox"/>	L7	L6 and l4	9
<input type="checkbox"/>	L6	375/144.ccls. or 375/147.ccls. or 375/148.ccls. or 375/142.ccls. or 375/143.ccls. or 375/150.ccls. or 375/152.ccls.	2470
<input type="checkbox"/>	L5	(antenna near3 (switch\$3 or select\$3)) and ((average\$ or (running near2 sum)) near2(correlation\$))	38
<input type="checkbox"/>	L4	(antenna near3 (switch\$3 or select\$3)) and ((average\$ or (running near2 sum)) near2(correlation\$))	38
<input type="checkbox"/>	L3	(antenna near3 (switch\$3 or select\$3)) and ((average\$ or (running near2 sum)) near3 (correlation near2 value\$))	10
<input type="checkbox"/>	L2	(antenna near3 (switch\$3 or select\$3)) same ((average\$ or (running near2 sum)) near3 (correlation near2 value\$))	3
<input type="checkbox"/>	L1	(antenna near3 (switch\$3 or select\$3)) same ((average\$ or (running near2 sum)) near3 (correlation near value\$))	3

END OF SEARCH HISTORY